

IN THE CLAIMS

Please amend claims 1- 4 and 7, cancel claims 5, 6, and 8-32, and add new claims 33 and 34 as follows:

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Cont
1. (Currently Amended) An image pickup apparatus comprising:
- a plurality of pixels each including a photoelectric conversion ~~means for converting~~ portion which converts an optical signal from an object into an electrical signal and a read ~~means for reading~~ portion which reads out the signal from said photoelectric conversion ~~means~~ portion to an output line;
- ~~difference means for performing difference processing on a noise component contained in the signal read by said read means;~~
- a drive control portion which controls a first mode for reading out from said read portion a pixel noise signal which is obtained by resetting an input portion of said read portion, and a second mode for reading out from said read portion an image signal which includes a signal generated by said photoelectric conversion portion;
- a correction portion which subjects the image signal read out from said read portion, to correction processing which uses the pixel noise signal;
- a detection ~~means for detecting an image pickup portion which~~ detects an object condition; and
- ~~correction means for performing correction of execution of difference processing in accordance with an output from said detection means~~
- a switching portion which switches over the correction processing

of said correction portion in accordance with an output of said detection portion.

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2. (Currently Amended) An apparatus according to claim 1, wherein said detection ~~means~~ portion detects that a signal level of ~~[[a]]~~ the image signal ~~generated by said photoelectric conversion means~~ is higher than a predetermined value.

3. (Currently Amended) An apparatus according to claim 1, wherein said detection ~~means~~ portion detects that a signal level of the pixel noise signal ~~generated in each pixel~~ is higher than a predetermined value.

4. (Currently Amended) An apparatus according to claim 1, wherein said ~~correction means controls said difference means not to perform difference operation~~ switching portion effects switching-over in accordance with the output of said detection portion so as not to perform the correction processing.

5.- 6. (Cancelled)

7. (Currently Amended) An apparatus according to claim 1, wherein said ~~correction means~~ switching portion replaces a signal output from said ~~difference means~~ correction portion with a signal of a predetermined signal level in accordance with the output of said detection portion.

8.-32. (Cancelled)

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Amend

33. (New) An image pickup system comprising:

said image pickup apparatus as defined in claim 1;

a color correction portion which performs color correction on a signal output from said image pickup apparatus; and

a control portion which controls said image pickup apparatus and said color correction portion.

34. (New) An image pickup system comprising:

said image pickup apparatus defined in claim 1;

an LED array for irradiating said image pickup apparatus with light; and

an original feeding portion which feeds an original.
